

**General Info**

**Number:** 690026-100010, C-2083  
**Description:** Dana G. "Buck" Rinehart Public Utilities Complex Exterior  
**Deadline:** 2020-12-09 20:00:00 UTC

**Bids**

<b>Business</b>	<b>Bid Total</b>	<b>Status</b>
Elford, Inc.	\$6,084,922.59	Responsive
R.W. Setterlin Building Con	\$6,098,141.42	*after bid tab correction Responsive
The Knoch Corporation	\$6,289,362.50	*after bid tab correction Nonresponsive
2K General Company	\$6,526,347.65	*after bid tab correction Responsive
Dunlop & Johnston, Inc.	\$6,986,254.49	*after bid tab correction Responsive
Complete General Construct	\$7,230,636.22	Responsive

Site Improvements

<b>Signed by</b>	<b>Opened at</b>	<b>Submitted at</b>
D.J. Fett	2020-12-09 20:02:55 U1	2020-12-09 19:57:18 UTC

Mitchell Hine 2020-12-09 20:01:44 U1 2020-12-09 19:41:11 UTC

James Fenske 2020-12-09 20:03:11 U1 2020-12-09 19:57:57 UTC Not Pre-qualified

Clayton Morg 2020-12-09 20:03:48 U1 2020-12-09 19:59:53 UTC

Randolph Spe 2020-12-09 20:02:13 U1 2020-12-09 19:49:23 UTC

Lee Guzzo 2020-12-09 20:01:57 U1 2020-12-09 19:47:40 UTC

**ORD #3000-2020, Division of Water**  
**Dana G. "Buck" Rinehart Public Utilities Complex Exterior Site Imp's**  
**690026-100010, C-2083**  
**Bid Tabulation, Opened 12/9/20**

					(local)						(local)	
					Engineer's Estimate		Elford, Inc.			R.W. Setterlin Building Company		
Ref. #	Item #	Description	Qty.	Units	Unit Cost	Extension	Materials	Labor	Extension	Materials	Labor	Extension
1	201	Clearing and Grubbing	1	LS	\$50,000.00	\$50,000.00	\$1.00	\$12,200.00	\$12,201.00	\$5,610.21	\$5,610.21	\$11,220.42
2	201	Tree Removed, 18"	30	EA	\$500.00	\$15,000.00	\$0.01	\$525.00	\$15,750.30	\$168.39	\$168.39	\$10,103.40
3	201	Tree Removed, 30"	11	EA	\$500.00	\$5,500.00	\$0.01	\$625.00	\$6,875.11	\$337.35	\$337.35	\$7,421.70
4	202	Asphalt Pavement Removed	13,068	SY	\$8.00	\$104,544.00	\$0.01	\$5.25	\$68,737.68	\$1.57	\$1.57	\$41,033.52
5	202	Gravel Pavement Removed	4,532	SY	\$4.00	\$18,128.00	\$0.01	\$7.00	\$31,769.32	\$0.43	\$0.43	\$3,897.52
6	202	Curb Removed	12	LF	\$4.00	\$48.00	\$0.01	\$2.00	\$24.12	\$21.99	\$21.99	\$527.76
7	202	Asphlat Curb Removed	48	LF	\$4.00	\$192.00	\$0.01	\$2.00	\$96.48	\$2.99	\$2.99	\$287.04
8	202	Fence Removed	1,464	LF	\$3.00	\$4,392.00	\$0.01	\$4.00	\$5,870.64	\$0.99	\$0.99	\$2,898.72
9	202	Site Light Pole, Removed	5	EA	\$2,500.00	\$12,500.00	\$0.01	\$314.00	\$1,570.05	\$168.98	\$168.98	\$1,689.80
10	202	Bollard Removed	8	EA	\$250.00	\$2,000.00	\$0.01	\$105.00	\$840.08	\$123.05	\$123.05	\$1,968.80
11	202	Gate Controller Removed	1	EA	\$500.00	\$500.00	\$0.01	\$260.00	\$260.01	\$23.74	\$259.09	\$282.83
12	202	Loop Detector Abandoned	1	LS	\$500.00	\$500.00	\$0.01	\$51.00	\$51.01	\$23.74	\$23.74	\$47.48
13	202	Fence Removed for Re-use	105	LF	\$3.00	\$315.00	\$0.01	\$5.00	\$526.05	\$29.80	\$29.80	\$6,258.00
14	202	Concrete Pavement Removed	274	SY	\$8.00	\$2,192.00	\$0.01	\$5.03	\$1,380.96	\$8.15	\$8.15	\$4,466.20
15	202	Parking Block Removed, Stored, and Reused	15	EA	\$10.00	\$150.00	\$0.01	\$75.00	\$1,125.15	\$41.97	\$41.97	\$1,259.10
16	202	Concrete Pavement Removed (Fuel Pump Island)	255	SY	\$8.00	\$2,040.00	\$0.01	\$5.50	\$1,405.05	\$8.76	\$8.76	\$4,467.60
17	202	Monitoring Well, Adjusted to Grade	3	EA	\$8,000.00	\$24,000.00	\$0.01	\$800.00	\$2,400.03	\$97.76	\$97.76	\$586.56
18	203	Excavation	750	CY	\$40.00	\$30,000.00	\$0.01	\$6.50	\$4,882.50	\$21.70	\$21.70	\$32,550.00
19	203	Embankment	2,250	CY	\$40.00	\$90,000.00	\$4.25	\$4.25	\$19,125.00	\$7.92	\$7.92	\$35,640.00
20	204	Subgrade Compaction	18,316	SY	\$3.00	\$54,948.00	\$0.01	\$0.35	\$6,593.76	\$0.32	\$0.32	\$11,722.24
21	206	Subgrade Stabilization	1	LS	\$100,000.00	\$100,000.00	\$55,000.00	\$55,000.00	\$110,000.00	\$44,023.74	\$31,901.74	\$75,925.48
22	207	Perimeter Filter Fabric Fence	500	LF	\$2.00	\$1,000.00	\$1.10	\$1.10	\$1,100.00	\$3.12	\$3.12	\$3,120.00
23	207	Concrete Washout Area	1	EA	\$1,000.00	\$1,000.00	\$430.00	\$430.00	\$860.00	\$326.63	\$326.63	\$653.26
24	207	Standard Construction Entrance	1	EA	\$2,500.00	\$2,500.00	\$1,050.00	\$1,050.00	\$2,100.00	\$1,048.66	\$1,048.66	\$2,097.32
25	207	Inlet Protection	11	EA	\$250.00	\$2,750.00	\$90.00	\$90.00	\$1,980.00	\$72.37	\$72.37	\$1,592.14
26	254	Pavement Planing, Concrete	1,048	SY	\$9.00	\$9,432.00	\$0.01	\$12.90	\$13,529.68	\$0.02	\$12.82	\$13,456.32
27	254	Pavement Planing, Asphalt	2,328	SY	\$6.00	\$13,968.00	\$0.01	\$5.50	\$12,827.28	\$0.01	\$5.46	\$12,734.16
28	259	Permanent Pavement, Type I, Without Heat Weld	195	CY	\$400.00	\$78,000.00	\$138.00	\$375.00	\$100,035.00	\$137.12	\$363.12	\$97,546.80
29	259	Permanent Pavement, Type V	17	CY	\$150.00	\$2,550.00	\$138.00	\$375.00	\$8,721.00	\$138.40	\$364.40	\$8,547.60
30	304	Aggregate Base	3,488	CY	\$45.00	\$156,960.00	\$28.00	\$19.00	\$163,936.00	\$35.01	\$14.21	\$171,679.36
31	407	Tack Coat	349	GAL	\$4.00	\$1,396.00	\$3.35	\$1.05	\$1,535.60	\$3.32	\$1.07	\$1,532.11
32	441	Asphalt Concrete Surface Course, 1.5", Type I, (448), PG64-22	340	CY	\$265.00	\$90,100.00	\$138.00	\$75.00	\$72,420.00	\$137.07	\$74.99	\$72,100.40
33	441	Asphalt Concrete Intermediate Course, 1.5", Type 2, (448), PG64-22	200	CY	\$205.00	\$41,000.00	\$125.00	\$75.00	\$40,000.00	\$123.12	\$75.04	\$39,632.00
34	451	Reinforced Concrete Pavement, Class COC1 - 8"	16	SY	\$100.00	\$1,600.00	\$60.00	\$60.00	\$1,920.00	\$94.23	\$94.23	\$3,015.36
35	451	Reinforced Concrete Pavement, Class COC1 - 10"	54	SY	\$120.00	\$6,480.00	\$60.00	\$60.00	\$6,480.00	\$93.19	\$93.19	\$10,064.52
36	451	Reinforced Concrete Pavement, Class COC1 - 12"	4,063	SY	\$165.00	\$670,395.00	\$55.00	\$55.00	\$446,930.00	\$51.18	\$51.18	\$415,888.68
37	452	Non-Reinf. Concrete Pavement - 8"	8,568	SY	\$70.00	\$599,760.00	\$33.00	\$33.00	\$565,488.00	\$34.80	\$34.80	\$596,332.80

					Engineer's Estimate		Elford, Inc.			R.W. Setterlin Building Company		
Ref. #	Item #	Description	Qty.	Units	Unit Cost	Extension	Materials	Labor	Extension	Materials	Labor	Extension
38	452	Non-Reinforced Concrete Pavement - 10" (Fuel Pump Island)	255	SY	\$85.00	\$21,675.00	\$65.00	\$65.00	\$33,150.00	\$58.84	\$58.84	\$30,008.40
39	452	Non-Reinforced Concrete Pavement - 8" (Embank. Area)	1,533	SY	\$70.00	\$107,310.00	\$36.00	\$36.00	\$110,376.00	\$57.77	\$57.77	\$177,122.82
40	452	Non-Reinforced Concrete Pavement - 6" (Hot-Box Pad)	60	SF	\$7.00	\$420.00	\$7.50	\$7.50	\$900.00	\$17.90	\$17.90	\$2,148.00
41	509	Epoxy Coated reinforcing Steel Class QC1 Concrete, Retaining Wall	31,680	LB	\$1.25	\$39,600.00	\$0.75	\$0.01	\$24,076.80	\$0.58	\$0.58	\$36,748.80
42	511	Including Footing	203	CY	\$900.00	\$182,700.00	\$300.00	\$300.00	\$121,800.00	\$488.12	\$488.12	\$198,176.72
43	511	Class QC2 Concrete, Parapet	35	CY	\$1,250.00	\$43,750.00	\$560.00	\$560.00	\$39,200.00	\$413.18	\$413.18	\$28,922.60
44	512	Sealing of Concrete Surfaces (Non-Epoxy)	171	SY	\$20.00	\$3,420.00	\$1.02	\$1.72	\$468.54	\$6.39	\$6.39	\$2,185.38
45	518	Porous Backfill with Geotextile Fabric	244	CY	\$100.00	\$24,400.00	\$22.00	\$22.00	\$10,736.00	\$12.22	\$12.22	\$5,963.36
46	518	6" Perforated Corrugated Plastic Pipe	258	FT	\$10.00	\$2,580.00	\$1.80	\$1.80	\$928.80	\$9.22	\$9.22	\$4,757.52
47	518	6" Non-Perforated Corrugated Plastic Pipe, Including Specials	45	FT	\$15.00	\$675.00	\$14.50	\$14.50	\$1,305.00	\$18.01	\$18.01	\$1,620.90
48	601	Rock Channel Protection, Type B, Without Filter	75	CY	\$100.00	\$7,500.00	\$62.00	\$62.00	\$9,300.00	\$55.84	\$55.84	\$8,376.00
49	601	Rock Channel Protection, Type C, With Filter	21	CY	\$120.00	\$2,520.00	\$935.00	\$935.00	\$39,270.00	\$59.06	\$59.06	\$2,480.52
50	604	Standard Catch Basin (AA-S133A)	6	EA	\$2,000.00	\$12,000.00	\$1,300.00	\$1,300.00	\$15,600.00	\$677.04	\$677.04	\$8,124.48
51	604	Manhole Type C (AA-S102) (Storm)	4	EA	\$2,500.00	\$10,000.00	\$1,350.00	\$1,350.00	\$10,800.00	\$980.12	\$980.12	\$7,840.96
52	604	Manhole Type C (AA-S102) (Storm), w/ Weir	1	EA	\$3,000.00	\$3,000.00	\$1,750.00	\$1,750.00	\$3,500.00	\$1,419.51	\$1,419.51	\$2,839.02
53	604	Manhole Type C, (AA-S102) (Sanitary)	1	EA	\$2,500.00	\$2,500.00	\$1,800.00	\$1,800.00	\$3,600.00	\$1,938.38	\$1,938.38	\$3,876.76
54	604	Manhole Type C, (AA-S102) As Per Plan (Sanitary)	3	EA	\$2,500.00	\$7,500.00	\$2,700.00	\$2,700.00	\$16,200.00	\$1,427.83	\$1,427.83	\$8,566.98
55	604	Manhole Type C (AA-S102) (Sanitary) w/ H-H Trap	1	EA	\$3,500.00	\$3,500.00	\$1,400.00	\$1,400.00	\$2,800.00	\$2,258.10	\$2,258.10	\$4,516.20
56	604	Curb & Gutter Inlet (AA-S125A)	3	EA	\$1,800.00	\$5,400.00	\$1,800.00	\$1,800.00	\$10,800.00	\$1,304.47	\$1,304.47	\$7,826.82
57	604	Manhole, Adjusted to Grade	2	EA	\$500.00	\$1,000.00	\$300.00	\$300.00	\$1,200.00	\$218.16	\$218.16	\$872.64
58	604	Inlet, Adjusted to Grade Orifice Plate, 1.2" (AA-S145) w/ Hooded Snout and Screen for Anti-Clogging	1	EA	\$500.00	\$500.00	\$300.00	\$300.00	\$600.00	\$230.06	\$230.06	\$460.12
59	604	Endwall (AA-S167)	5	EA	\$2,500.00	\$12,500.00	\$1,900.00	\$1,900.00	\$19,000.00	\$2,015.92	\$2,015.92	\$20,159.20
60	604	Fence, Type CLT, w/ Barb Wire, 3 Strands	932	LF	\$65.00	\$60,580.00	\$22.00	\$22.00	\$41,008.00	\$19.88	\$19.88	\$37,056.32
61	607	Gate, Type CLT	2	EA	\$3,000.00	\$6,000.00	\$4,500.00	\$4,500.00	\$18,000.00	\$1,511.87	\$1,511.87	\$6,047.48
62	608	Concrete Walk, 4"	332	SF	\$6.00	\$1,992.00	\$4.00	\$4.75	\$2,905.00	\$1.57	\$1.57	\$1,042.48
63	608	Concrete Pad, 4"	135	SF	\$6.00	\$810.00	\$5.00	\$4.00	\$1,215.00	\$1.68	\$1.68	\$453.60
64	608	Concrete Median	113	SY	\$75.00	\$8,475.00	\$35.00	\$36.00	\$8,023.00	\$14.71	\$14.71	\$3,324.46
65	609	Curb, Straight 18"	1,199	LF	\$20.00	\$23,980.00	\$15.00	\$18.87	\$40,610.13	\$3.52	\$3.52	\$8,440.96
66	615	Temporary Pavement	678	SY	\$100.00	\$67,800.00	\$20.00	\$20.00	\$27,120.00	\$43.04	\$36.89	\$54,192.54
67	616	Water	2	MGAL	\$100.00	\$200.00	\$6.00	\$6.00	\$24.00	\$56.87	\$17.37	\$148.48
68	616	Calcium Chloride	2	TON	\$500.00	\$1,000.00	\$1,457.00	\$1,457.00	\$5,828.00	\$311.87	\$20.87	\$665.48
69	623	Construction Layout Stakes	1	LS	\$10,000.00	\$10,000.00	\$0.01	\$25,000.00	\$25,000.01	\$523.74	\$12,437.74	\$12,961.48
70	624	Mobilization	1	LS	\$10,000.00	\$10,000.00	\$0.01	\$40,000.00	\$40,000.01	\$17,911.19	\$49,129.19	\$67,040.38
71	630	Ground Mounted Support, No. 2 Post	5	EA	\$225.00	\$1,125.00	\$200.00	\$200.00	\$2,000.00	\$184.75	\$184.75	\$1,847.50
72	630	Sign, Flat Sheet	32	SF	\$75.00	\$2,400.00	\$20.00	\$20.00	\$1,280.00	\$17.74	\$17.74	\$1,135.36
73	642	Edge Line, 5", Type 1	0	MI	\$5,000.00	\$1,300.00	\$0.01	\$5,595.00	\$1,454.70	\$2,681.31	\$2,681.31	\$1,394.28

Ref. #	Item #	Description	Qty.	Units	Engineer's Estimate		Elford, Inc.			R.W. Setterlin Building Company		
					Unit Cost	Extension	Materials	Labor	Extension	Materials	Labor	Extension
75	642	Parking Lot Stall Marking, Type I	4,140	FT	\$2.00	\$8,280.00	\$0.01	\$1.00	\$4,181.40	\$0.46	\$0.46	\$3,808.80
76	644	Stop Line	60	FT	\$10.00	\$600.00	\$0.01	\$6.00	\$360.60	\$3.15	\$3.15	\$378.00
77	644	Crosswalk Line	142	FT	\$8.00	\$1,136.00	\$0.01	\$6.00	\$853.42	\$2.92	\$2.92	\$829.28
78	644	Transverse/Diagonal Line	4,320	FT	\$8.00	\$34,560.00	\$0.01	\$5.50	\$23,803.20	\$2.34	\$2.33	\$20,174.40
79	644	Dotted Line	120	FT	\$8.00	\$960.00	\$0.01	\$1.50	\$181.20	\$0.85	\$0.85	\$204.00
80	644	Channelizing Line	56	FT	\$8.00	\$448.00	\$0.01	\$1.75	\$98.56	\$1.15	\$1.14	\$128.24
81	659	Seeding and Mulching	4,012	SY	\$2.00	\$8,024.00	\$0.01	\$1.50	\$6,058.12	\$0.63	\$0.63	\$5,055.12
82	801	6" Ductile Iron Pipe and Fittings	450	LF	\$120.00	\$54,000.00	\$39.00	\$39.00	\$35,100.00	\$37.45	\$37.45	\$33,705.00
83	802	6" Valve and Appurtenances	2	EA	\$1,300.00	\$2,600.00	\$475.00	\$475.00	\$1,900.00	\$537.40	\$537.40	\$2,149.60
84	805	2" Water Service Tap, Complete	1	EA	\$2,500.00	\$2,500.00	\$850.00	\$850.00	\$1,700.00	\$945.40	\$945.40	\$1,890.80
85	809	Private Fire Hydrant, Type A	1	EA	\$2,800.00	\$2,800.00	\$1,350.00	\$1,350.00	\$2,700.00	\$2,465.92	\$2,465.92	\$4,931.84
86	809	Priavte Fire Hydrant, Relocated	1	EA	\$500.00	\$500.00	\$0.01	\$1,411.00	\$1,411.01	\$864.62	\$864.62	\$1,729.24
87	809	Private Fire Hydrant, Removed	1	EA	\$500.00	\$500.00	\$0.01	\$1,100.00	\$1,100.01	\$143.54	\$143.54	\$287.08
88	901	4" Pipe Underdrain (Subgrade Drain)	280	LF	\$20.00	\$5,600.00	\$9.35	\$9.35	\$5,236.00	\$7.71	\$7.71	\$4,317.60
89	901	6" Pipe Underdrain	75	LF	\$20.00	\$1,500.00	\$10.00	\$10.00	\$1,500.00	\$7.89	\$7.89	\$1,183.50
90	901	8" Pipe, Roof Drains	346	LF	\$40.00	\$13,840.00	\$23.90	\$23.90	\$16,538.80	\$16.77	\$16.77	\$11,604.84
91	901	12" Storm Pipe, w/Item 912 Backfill	735	LF	\$90.00	\$66,150.00	\$21.17	\$21.17	\$31,119.90	\$17.22	\$17.22	\$25,313.40
92	901	15" Storm Pipe, w/Item 912 Backfill	363	LF	\$100.00	\$36,300.00	\$24.40	\$24.40	\$17,714.40	\$25.39	\$25.39	\$18,433.14
93	901	18" Storm Pipe, w/Item 912 Backfill	125	LF	\$140.00	\$17,500.00	\$30.00	\$30.00	\$7,500.00	\$25.21	\$25.21	\$6,302.50
94	901	24" Storm Pipe, /Item 912 Backfill	23	LF	\$160.00	\$3,680.00	\$161.50	\$161.50	\$7,429.00	\$48.73	\$48.73	\$2,241.58
95	901	8" Sanitary Pipe	174	LF	\$100.00	\$17,400.00	\$23.40	\$23.40	\$8,143.20	\$30.36	\$30.36	\$10,565.28
96	912	Compacted Granular Material	40	CY	\$50.00	\$2,000.00	\$26.50	\$26.50	\$2,120.00	\$20.80	\$20.80	\$1,664.00
97	915	6"x6" Wye Fittings	1	EA	\$600.00	\$600.00	\$45.00	\$45.00	\$90.00	\$85.42	\$85.42	\$170.84
98	915	8"x6" Wye Fittings	2	EA	\$700.00	\$1,400.00	\$300.00	\$300.00	\$1,200.00	\$351.12	\$351.12	\$1,404.48
99	915	Cleanout	7	EA	\$500.00	\$3,500.00	\$100.00	\$100.00	\$1,400.00	\$219.28	\$219.28	\$3,069.92
100	915	Cleanout, w/ Casting (For	5	EA	\$500.00	\$2,500.00	\$132.50	\$132.50	\$1,325.00	\$226.80	\$226.80	\$2,268.00
101	918	Downspouts)	330	LF	\$70.00	\$23,100.00	\$22.05	\$22.05	\$14,553.00	\$19.19	\$19.19	\$12,665.40
102	918	6" Pipe Sanitary Service	54	LF	\$80.00	\$4,320.00	\$49.00	\$49.00	\$5,292.00	\$27.69	\$27.69	\$2,990.52
103	1001	8" Pipe Sanitary Service	4	EA	\$600.00	\$2,400.00	\$608.00	\$226.00	\$3,336.00	\$613.64	\$231.88	\$3,382.08
104	1001	Pull Box, 13"x24" (MIS-54)	5	EA	\$220.00	\$1,100.00	\$21.00	\$47.00	\$340.00	\$25.54	\$51.82	\$386.80
105	1001	Ground Rod (MIS-55)	5	EA	\$1,500.00	\$7,500.00	\$390.00	\$547.00	\$4,685.00	\$394.63	\$551.14	\$4,728.85
106	1001	Street Light Foundation, 6" (MIS-201)	5	EA	\$7,000.00	\$35,000.00	\$0.01	\$949.00	\$4,745.05	\$953.03	\$4.75	\$4,788.90
107	1001	Pole, As Per Plan	362	CKT FT	\$7.00	\$2,534.00	\$0.58	\$1.00	\$571.96	\$0.66	\$1.09	\$633.50
108	1001	Underground Circuit, 3-Wire (MIS-404)	5	EA	\$600.00	\$3,000.00	\$86.00	\$190.00	\$1,380.00	\$90.16	\$194.82	\$1,424.90
109	1001	Pole to be Wired, 3-Wire (MIS-501)	159	FT	\$10.00	\$1,590.00	\$18.00	\$10.00	\$4,452.00	\$18.04	\$10.21	\$4,491.75
110	1001	2" Conduit, Concrete Encased (Site Lighting)	5	EA	\$2,500.00	\$12,500.00	\$0.01	\$1,033.00	\$5,165.05	\$1,037.12	\$4.75	\$5,209.35
111	Spec.	Manhole Type C (AA-S102)	1	EA	\$3,500.00	\$3,500.00	\$1,330.00	\$1,330.00	\$2,660.00	\$1,844.60	\$1,844.60	\$3,689.20
112	Spec.	(Sanitary) w/ H-H Trap, Modified	5	EA	\$800.00	\$4,000.00	\$890.00	\$890.00	\$8,900.00	\$750.46	\$750.46	\$7,504.60
113	Spec.	12" Drain Basin	28	EA	\$1,000.00	\$28,000.00	\$500.00	\$500.00	\$28,000.00	\$200.85	\$375.85	\$16,147.60
114	Spec.	Bollard, As Per Plan	1	EA	\$60,000.00	\$60,000.00	\$150,000.00	\$150,000.00	\$300,000.00	\$77,480.47	\$77,480.47	\$154,960.94
115	Spec.	Pump Station, Complete, As Per Plan	1	EA	\$22,600.00	\$22,600.00	\$35,000.00	\$20,000.00	\$55,000.00	\$15,181.86	\$15,181.86	\$30,363.72
116	Spec.	Oil/Water Separator, Complete, As	1	EA	\$35,000.00	\$35,000.00	\$15,000.00	\$7,000.00	\$22,000.00	\$15,074.04	\$15,074.04	\$30,148.08
117	Spec.	Per Plan	42	EA	\$250.00	\$10,500.00	\$75.00	\$35.00	\$4,620.00	\$75.57	\$35.57	\$4,667.88
118	Spec.	Filter Vault, Complete, As Per Plan	1	EA	\$20,000.00	\$20,000.00	\$5,000.00	\$5,000.00	\$10,000.00	\$3,318.74	\$3,318.74	\$6,637.48
119	Spec.	Parking Blocks	2	EA	\$500.00	\$1,000.00	\$975.00	\$975.00	\$3,900.00	\$567.00	\$567.00	\$2,268.00
120	Spec.	Fence Slide Gate Power Operator and Access Control System, Complete, As Per Plan	1	LS	\$10,000.00	\$10,000.00	\$0.00	\$25,000.00	\$25,000.00	\$10,070.92	\$10,070.92	\$20,141.84

Ref. #	Item #	Description	Qty.	Units	Engineer's Estimate		Elford, Inc.			R.W. Setterlin Building Company		
					Unit Cost	Extension	Materials	Labor	Extension	Materials	Labor	Extension
121	Spec.	Sediment Monitor Post	1	EA	\$250.00	\$250.00	\$500.00	\$500.00	\$1,000.00	\$116.26	\$116.26	\$232.52
122	Spec.	4" Sanitary Force Main	539	LF	\$40.00	\$21,560.00	\$28.76	\$28.76	\$31,003.28	\$39.39	\$39.39	\$42,462.42
123	Spec.	Monitoring Well Cover, As Per Plan Hot-Box Enclosure, Relocated, Including Electrical Circuit For Enclosure Heater and Backflow	3	EA	\$500.00	\$1,500.00	\$200.00	\$200.00	\$1,200.00	\$407.91	\$405.91	\$2,441.46
124	Spec.	Reverter, Complete Hot-Box Enclosure, Removed, Including Electrical Circuit For Enclosure Heater and Backflow	1	EA	\$5,000.00	\$5,000.00	\$3,922.00	\$3,922.00	\$7,844.00	\$5,146.24	\$5,146.24	\$10,292.48
125	Spec.	Reverter, Complete Complete as Engineered from Building (known as the Washout & Material Storage Building), as defined in the drawings and specs.	1	EA	\$3,000.00	\$3,000.00	\$2,200.00	\$2,200.00	\$4,400.00	\$2,448.24	\$2,448.24	\$4,896.48
	Pay Item 1	Work also includes related Mechanical, Electrical, Plumbing & Security (incl. security duct banks) shown in documents	1	LS	\$2,700,000.00	\$2,700,000.00	\$1,045,000.00	\$1,045,000.00	\$2,090,000.00	\$1,115,600.08	\$1,115,600.08	\$2,231,200.16
126	Pay Item 2	Complete Demolition and Removal of Existing Building D	1	LS	\$60,000.00	\$60,000.00	\$0.01	\$35,000.00	\$35,000.01	\$22,673.61	\$22,673.61	\$45,347.22
127	Pay Item 3	Salt Barn Demolition	1	LS	\$45,000.00	\$45,000.00	\$0.01	\$10,000.00	\$10,000.01	\$10,496.27	\$10,496.27	\$20,992.54
	Pay Item	Subtotal:				\$6,299,284.00		\$5,291,237.03			\$5,302,731.67	
129		Contingency (15%)				\$944,892.60		\$793,685.56			\$795,409.75	
		<b>GRAND TOTAL:</b>				<b>\$7,244,176.60</b>		<b>\$6,084,922.59</b>			<b>\$6,098,141.42</b>	
		% DIFFERENCE FROM ENG'S EST.:						-16.00%			-15.82%	
		% DIFFERENCE w/LOWEST BIDDER:						N/A			0.22%	
		Contract Compliance No.						31-4371060 (5/27/22, MAJ, 6059)			31-0836188 (1/2/21, MAJ, 4372)	

Subs not registered: Arledge, Martins Steel,  
Northeast Erectors, Geopiers.  
Subs inactive: Columbus Door Sales, Sentry Fence

Corrected Contingency & Grand Total (off by  
\$63.89)

**ORD #3000-2020, Division of Water**  
**Dana G. "Buck" Rinehart Public Utilities Complex Exterior Site Imp's**  
**690026-100010, C-2083**  
**Bid Tabulation, Opened 12/9/20**

(not local)

					Engineer's Estimate		2K General Co.			Dunlop & Johnston, Inc.		
Ref. #	Item #	Description	Qty.	Units	Unit Cost	Extension	Materials	Labor	Extension	Materials	Labor	Extension
1	201	Clearing and Grubbing	1	LS	\$50,000.00	\$50,000.00	\$2,267.40	\$9,069.60	\$11,337.00	\$4,530.00	\$3,020.00	\$7,550.00
2	201	Tree Removed, 18"	30	EA	\$500.00	\$15,000.00	\$68.02	\$272.08	\$10,203.00	\$303.00	\$202.00	\$15,150.00
3	201	Tree Removed, 30"	11	EA	\$500.00	\$5,500.00	\$136.04	\$544.15	\$7,482.09	\$363.00	\$242.00	\$6,655.00
4	202	Asphalt Pavement Removed	13,068	SY	\$8.00	\$104,544.00	\$1.15	\$4.59	\$75,010.32	\$3.00	\$2.00	\$65,340.00
5	202	Gravel Pavement Removed	4,532	SY	\$4.00	\$18,128.00	\$1.58	\$6.31	\$35,757.48	\$7.00	\$5.00	\$54,384.00
6	202	Curb Removed	12	LF	\$4.00	\$48.00	\$0.40	\$1.60	\$24.00	\$7.00	\$4.00	\$132.00
7	202	Asphalt Curb Removed	48	LF	\$4.00	\$192.00	\$0.14	\$0.55	\$33.12	\$1.00	\$1.00	\$96.00
8	202	Fence Removed	1,464	LF	\$3.00	\$4,392.00	\$0.91	\$3.63	\$6,646.56	\$2.00	\$1.00	\$4,392.00
9	202	Site Light Pole, Removed	5	EA	\$2,500.00	\$12,500.00	\$56.68	\$226.72	\$1,417.00	\$144.00	\$96.00	\$1,200.00
10	202	Bollard Removed	8	EA	\$250.00	\$2,000.00	\$22.68	\$90.70	\$907.04	\$27.00	\$18.00	\$360.00
11	202	Gate Controller Removed	1	EA	\$500.00	\$500.00	\$56.60	\$226.40	\$283.00	\$150.00	\$100.00	\$250.00
12	202	Loop Detector Abandoned	1	LS	\$500.00	\$500.00	\$11.40	\$45.60	\$57.00	\$90.00	\$100.00	\$190.00
13	202	Fence Removed for Re-use	105	LF	\$3.00	\$315.00	\$1.13	\$4.53	\$594.30	\$9.00	\$6.00	\$1,575.00
14	202	Concrete Pavement Removed	274	SY	\$8.00	\$2,192.00	\$1.14	\$4.57	\$1,564.54	\$6.00	\$4.00	\$2,740.00
15	202	Parking Block Removed, Stored, and Reused	15	EA	\$10.00	\$150.00	\$17.00	\$68.00	\$1,275.00	\$62.00	\$41.00	\$1,545.00
16	202	Concrete Pavement Removed (Fuel Pump Island)	255	SY	\$8.00	\$2,040.00	\$1.14	\$4.57	\$1,456.05	\$18.00	\$12.00	\$7,650.00
17	202	Monitoring Well, Adjusted to Grade	3	EA	\$8,000.00	\$24,000.00	\$350.27	\$525.40	\$2,627.01	\$267.00	\$178.00	\$1,335.00
18	203	Excavation	750	CY	\$40.00	\$30,000.00	\$2.65	\$3.98	\$4,972.50	\$8.00	\$5.00	\$9,750.00
19	203	Embankment	2,250	CY	\$40.00	\$90,000.00	\$3.67	\$5.51	\$20,655.00	\$3.00	\$2.00	\$11,250.00
20	204	Subgrade Compaction	18,316	SY	\$3.00	\$54,948.00	\$0.12	\$0.18	\$5,494.80	\$1.00	\$1.00	\$36,632.00
21	206	Subgrade Stabilization	1	LS	\$100,000.00	\$100,000.00	\$40,812.80	\$61,219.20	\$102,032.00	\$54,000.00	\$36,000.00	\$90,000.00
22	207	Perimeter Filter Fabric Fence	500	LF	\$2.00	\$1,000.00	\$0.88	\$1.31	\$1,095.00	\$1.00	\$1.00	\$1,000.00
23	207	Concrete Washout Area	1	EA	\$1,000.00	\$1,000.00	\$387.60	\$581.40	\$969.00	\$512.00	\$314.00	\$826.00
24	207	Standard Construction Entrance	1	EA	\$2,500.00	\$2,500.00	\$1,604.80	\$2,407.20	\$4,012.00	\$2,124.00	\$1,416.00	\$3,540.00
25	207	Inlet Protection	11	EA	\$250.00	\$2,750.00	\$77.49	\$116.24	\$2,131.03	\$210.00	\$140.00	\$3,850.00
26	254	Pavement Planing, Concrete	1,048	SY	\$9.00	\$9,432.00	\$5.80	\$8.71	\$15,206.48	\$29.00	\$19.00	\$50,304.00
27	254	Pavement Planing, Asphalt	2,328	SY	\$6.00	\$13,968.00	\$2.47	\$3.71	\$14,387.04	\$3.00	\$2.00	\$11,640.00
28	259	Permanent Pavement, Type I, Without Heat Weld	195	CY	\$400.00	\$78,000.00	\$226.74	\$340.11	\$110,535.75	\$300.00	\$200.00	\$97,500.00
29	259	Permanent Pavement, Type V	17	CY	\$150.00	\$2,550.00	\$226.73	\$340.09	\$9,635.94	\$350.00	\$250.00	\$10,200.00
30	304	Aggregate Base	3,488	CY	\$45.00	\$156,960.00	\$21.05	\$31.58	\$183,573.44	\$29.00	\$19.00	\$167,424.00
31	407	Tack Coat	349	GAL	\$4.00	\$1,396.00	\$1.93	\$2.89	\$1,682.18	\$3.00	\$2.00	\$1,745.00
32	441	Asphalt Concrete Surface Course, 1.5", Type I, (448), PG64-22	340	CY	\$265.00	\$90,100.00	\$96.10	\$144.15	\$81,685.00	\$127.00	\$85.00	\$72,080.00
33	441	Asphalt Concrete Intermediate Course, 1.5", Type 2, (448), PG64- 22	200	CY	\$205.00	\$41,000.00	\$89.75	\$134.63	\$44,876.00	\$120.00	\$80.00	\$40,000.00
34	451	Reinforced Concrete Pavement, Class COC1 - 8"	16	SY	\$100.00	\$1,600.00	\$68.03	\$102.04	\$2,721.12	\$111.00	\$74.00	\$2,960.00
35	451	Reinforced Concrete Pavement, Class COC1 - 10"	54	SY	\$120.00	\$6,480.00	\$80.62	\$120.93	\$10,883.70	\$111.00	\$74.00	\$9,990.00
36	451	Reinforced Concrete Pavement, Class COC1 - 12"	4,063	SY	\$165.00	\$670,395.00	\$74.82	\$112.24	\$760,024.78	\$61.00	\$41.00	\$414,426.00
37	452	Non-Reinf. Concrete Pavement - 8"	8,568	SY	\$70.00	\$599,760.00	\$53.06	\$65.58	\$1,016,507.52	\$40.00	\$27.00	\$574,056.00

Ref. #	Item #	Description	Qty.	Units	Engineer's Estimate		2K General Co.			Dunlop & Johnston, Inc.		
					Unit Cost	Extension	Materials	Labor	Extension	Materials	Labor	Extension
38	452	Non-Reinforced Concrete Pavement - 10" (Fuel Pump Island)	255	SY	\$85.00	\$21,675.00	\$76.82	\$115.24	\$48,975.30	\$70.00	\$47.00	\$29,835.00
39	452	Non-Reinforced Concrete Pavement - 8" (Embank. Area)	1,533	SY	\$70.00	\$107,310.00	\$58.22	\$87.33	\$223,128.15	\$69.00	\$46.00	\$176,295.00
40	452	Non-Reinforced Concrete Pavement - 6" (Hot-Box Pad)	60	SF	\$7.00	\$420.00	\$50.79	\$76.18	\$7,618.20	\$21.00	\$14.00	\$2,100.00
41	509	Epoxy Coated reinforcing Steel Class QC1 Concrete, Retaining Wall	31,680	LB	\$1.25	\$39,600.00	\$0.45	\$0.68	\$35,798.40	\$1.00	\$0.00	\$31,680.00
42	511	Including Footing	203	CY	\$900.00	\$182,700.00	\$200.89	\$301.33	\$101,950.66	\$586.00	\$390.00	\$198,128.00
43	511	Class QC2 Concrete, Parapet	35	CY	\$1,250.00	\$43,750.00	\$92.96	\$139.44	\$8,134.00	\$495.00	\$330.00	\$28,875.00
44	512	Sealing of Concrete Surfaces (Non-Epoxy)	171	SY	\$20.00	\$3,420.00	\$1.13	\$1.70	\$483.93	\$8.00	\$5.00	\$2,223.00
45	518	Porous Backfill with Geotextile Fabric	244	CY	\$100.00	\$24,400.00	\$113.37	\$170.05	\$69,154.48	\$47.00	\$32.00	\$19,276.00
46	518	6" Perforated Corrugated Plastic Pipe	258	FT	\$10.00	\$2,580.00	\$2.27	\$3.40	\$1,462.86	\$2.00	\$1.00	\$774.00
47	518	6" Non-Perforated Corrugated Plastic Pipe, Including Specials	45	FT	\$15.00	\$675.00	\$4.53	\$6.80	\$509.85	\$17.00	\$11.00	\$1,260.00
48	601	Rock Channel Protection, Type B, Without Filter	75	CY	\$100.00	\$7,500.00	\$54.42	\$81.62	\$10,203.00	\$58.00	\$38.00	\$7,200.00
49	601	Rock Channel Protection, Type C, With Filter	21	CY	\$120.00	\$2,520.00	\$53.56	\$80.34	\$2,811.90	\$59.00	\$39.00	\$2,058.00
50	604	Standard Catch Basin (AA-S133A)	6	EA	\$2,000.00	\$12,000.00	\$842.00	\$1,263.00	\$12,630.00	\$963.00	\$642.00	\$9,630.00
51	604	Manhole Type C (AA-S102) (Storm)	4	EA	\$2,500.00	\$10,000.00	\$1,119.10	\$1,678.65	\$11,191.00	\$1,500.00	\$1,000.00	\$10,000.00
52	604	Manhole Type C (AA-S102) (Storm), w/ Weir	1	EA	\$3,000.00	\$3,000.00	\$1,163.20	\$1,744.80	\$2,908.00	\$1,965.00	\$1,310.00	\$3,275.00
53	604	Manhole Type C, (AA-S102) (Sanitary)	1	EA	\$2,500.00	\$2,500.00	\$1,528.80	\$2,293.20	\$3,822.00	\$1,665.00	\$1,110.00	\$2,775.00
54	604	Manhole Type C, (AA-S102) As Per Plan (Sanitary)	3	EA	\$2,500.00	\$7,500.00	\$1,528.67	\$2,293.00	\$11,465.01	\$1,710.00	\$1,140.00	\$8,550.00
55	604	Manhole Type C (AA-S102) (Sanitary) w/ H-H Trap	1	EA	\$3,500.00	\$3,500.00	\$2,367.20	\$3,550.80	\$5,918.00	\$1,710.00	\$1,140.00	\$2,850.00
56	604	Curb & Gutter Inlet (AA-S125A)	3	EA	\$1,800.00	\$5,400.00	\$1,562.00	\$2,343.00	\$11,715.00	\$1,755.00	\$1,170.00	\$8,775.00
57	604	Manhole, Adjusted to Grade	2	EA	\$500.00	\$1,000.00	\$259.60	\$389.40	\$1,298.00	\$270.00	\$180.00	\$900.00
58	604	Inlet, Adjusted to Grade	1	EA	\$500.00	\$500.00	\$259.60	\$389.40	\$649.00	\$270.00	\$180.00	\$450.00
59	604	Orifice Plate, 1.2" (AA-S145) w/ Hooded Snout and Screen for Anti-Clogging	1	EA	\$500.00	\$500.00	\$921.20	\$1,381.80	\$2,303.00	\$1,650.00	\$1,100.00	\$2,750.00
60	604	Endwall (AA-S167)	5	EA	\$2,500.00	\$12,500.00	\$1,706.00	\$2,559.00	\$21,325.00	\$2,610.00	\$1,740.00	\$21,750.00
61	607	Fence, Type CLT, w/ Barb Wire, 3 Strands	932	LF	\$65.00	\$60,580.00	\$19.50	\$29.25	\$45,435.00	\$39.00	\$26.00	\$60,580.00
62	607	Gate, Type CLT	2	EA	\$3,000.00	\$6,000.00	\$3,627.80	\$5,441.70	\$18,139.00	\$2,850.00	\$1,900.00	\$9,500.00
63	608	Concrete Walk, 4"	332	SF	\$6.00	\$1,992.00	\$3.93	\$5.90	\$3,263.56	\$2.00	\$1.00	\$996.00
64	608	Concrete Pad, 4"	135	SF	\$6.00	\$810.00	\$3.83	\$5.74	\$1,291.95	\$2.00	\$1.00	\$405.00
65	608	Concrete Median	113	SY	\$75.00	\$8,475.00	\$5.39	\$8.09	\$1,523.24	\$17.00	\$12.00	\$3,277.00
66	609	Curb, Straight 18"	1,199	LF	\$20.00	\$23,980.00	\$13.60	\$20.41	\$40,777.99	\$4.00	\$3.00	\$8,393.00
67	615	Temporary Pavement	678	SY	\$100.00	\$67,800.00	\$13.60	\$20.41	\$23,058.78	\$28.00	\$19.00	\$31,866.00
68	616	Water	2	MGAL	\$100.00	\$200.00	\$226.80	\$340.20	\$1,134.00	\$7.00	\$4.00	\$22.00
69	616	Calcium Chloride	2	TON	\$500.00	\$1,000.00	\$680.20	\$1,020.30	\$3,401.00	\$1,749.00	\$1,166.00	\$5,830.00
70	623	Construction Layout Stakes	1	LS	\$10,000.00	\$10,000.00	\$1,587.20	\$2,380.80	\$3,968.00	\$6,600.00	\$4,400.00	\$11,000.00
71	624	Mobilization	1	LS	\$10,000.00	\$10,000.00	\$18,139.20	\$27,208.80	\$45,348.00	\$111,600.00	\$77,800.00	\$189,400.00
72	630	Ground Mounted Support, No. 2 Post	5	EA	\$225.00	\$1,125.00	\$163.28	\$244.92	\$2,041.00	\$60.00	\$40.00	\$500.00
73	630	Sign, Flat Sheet	32	SF	\$75.00	\$2,400.00	\$15.88	\$23.81	\$1,270.08	\$23.00	\$15.00	\$1,216.00
74	642	Edge Line, 5", Type 1	0	MI	\$5,000.00	\$1,300.00	\$2,349.23	\$3,523.85	\$1,527.00	\$3,115.00	\$2,100.00	\$1,355.90

Ref. #	Item #	Description	Qty.	Units	Engineer's Estimate		2K General Co.			Dunlop & Johnston, Inc.		
					Unit Cost	Extension	Materials	Labor	Extension	Materials	Labor	Extension
75	642	Parking Lot Stall Marking, Type I	4,140	FT	\$2.00	\$8,280.00	\$0.41	\$0.61	\$4,222.80	\$1.00	\$0.50	\$6,210.00
76	644	Stop Line	60	FT	\$10.00	\$600.00	\$2.49	\$3.74	\$373.80	\$3.00	\$2.00	\$300.00
77	644	Crosswalk Line	142	FT	\$8.00	\$1,136.00	\$2.49	\$3.74	\$884.66	\$3.00	\$2.00	\$710.00
78	644	Transverse/Diagonal Line	4,320	FT	\$8.00	\$34,560.00	\$2.11	\$3.16	\$22,766.40	\$3.00	\$2.00	\$21,600.00
79	644	Dotted Line	120	FT	\$8.00	\$960.00	\$0.59	\$0.89	\$177.60	\$1.00	\$1.00	\$240.00
80	644	Channelizing Line	56	FT	\$8.00	\$448.00	\$0.66	\$0.99	\$92.40	\$1.00	\$1.00	\$112.00
81	659	Seeding and Mulching	4,012	SY	\$2.00	\$8,024.00	\$0.91	\$1.36	\$9,107.24	\$1.00	\$1.00	\$8,024.00
82	801	6" Ductile Iron Pipe and Fittings	450	LF	\$120.00	\$54,000.00	\$34.92	\$52.38	\$39,285.00	\$54.00	\$36.00	\$40,500.00
83	802	6" Valve and Appurtenances	2	EA	\$1,300.00	\$2,600.00	\$429.60	\$644.40	\$2,148.00	\$756.00	\$504.00	\$2,520.00
84	805	2" Water Service Tap, Complete	1	EA	\$2,500.00	\$2,500.00	\$752.40	\$1,128.60	\$1,881.00	\$1,080.00	\$720.00	\$1,800.00
85	809	Private Fire Hydrant, Type A	1	EA	\$2,800.00	\$2,800.00	\$1,224.00	\$1,836.00	\$3,060.00	\$3,060.00	\$2,040.00	\$5,100.00
86	809	Priavte Fire Hydrant, Relocated	1	EA	\$500.00	\$500.00	\$640.00	\$960.00	\$1,600.00	\$1,275.00	\$850.00	\$2,125.00
87	809	Private Fire Hydrant, Removed	1	EA	\$500.00	\$500.00	\$484.00	\$726.00	\$1,210.00	\$495.00	\$330.00	\$825.00
88	901	4" Pipe Underdrain (Subgrade Drain)	280	LF	\$20.00	\$5,600.00	\$8.48	\$12.72	\$5,936.00	\$7.00	\$5.00	\$3,360.00
89	901	6" Pipe Underdrain	75	LF	\$20.00	\$1,500.00	\$9.06	\$13.59	\$1,698.75	\$10.00	\$6.00	\$1,200.00
90	901	8" Pipe, Roof Drains	346	LF	\$40.00	\$13,840.00	\$21.67	\$32.50	\$18,742.82	\$40.00	\$26.00	\$22,836.00
91	901	12" Storm Pipe, w/Item 912 Backfill	735	LF	\$90.00	\$66,150.00	\$19.20	\$28.80	\$35,280.00	\$52.00	\$35.00	\$63,945.00
92	901	15" Storm Pipe, w/Item 912 Backfill	363	LF	\$100.00	\$36,300.00	\$22.12	\$33.18	\$20,073.90	\$51.00	\$34.00	\$30,855.00
93	901	18" Storm Pipe, w/Item 912 Backfill	125	LF	\$140.00	\$17,500.00	\$26.95	\$40.43	\$8,422.50	\$70.00	\$47.00	\$14,625.00
94	901	24" Storm Pipe, /Item 912 Backfill	23	LF	\$160.00	\$3,680.00	\$24.49	\$36.73	\$1,408.06	\$90.00	\$60.00	\$3,450.00
95	901	8" Sanitary Pipe	174	LF	\$100.00	\$17,400.00	\$21.22	\$31.83	\$9,230.70	\$89.00	\$59.00	\$25,752.00
96	912	Compacted Granular Material	40	CY	\$50.00	\$2,000.00	\$102.03	\$153.05	\$10,203.20	\$32.00	\$21.00	\$2,120.00
97	915	6"x6" Wye Fittings	1	EA	\$600.00	\$600.00	\$40.00	\$60.00	\$100.00	\$237.00	\$158.00	\$395.00
98	915	8"x6" Wye Fittings	2	EA	\$700.00	\$1,400.00	\$126.00	\$189.00	\$630.00	\$234.00	\$156.00	\$780.00
99	915	Cleanout	7	EA	\$500.00	\$3,500.00	\$76.63	\$114.94	\$1,340.99	\$681.00	\$454.00	\$7,945.00
100	915	Cleanout, w/ Casting (For Downspouts)	5	EA	\$500.00	\$2,500.00	\$120.24	\$180.36	\$1,503.00	\$930.00	\$620.00	\$7,750.00
101	918	6" Pipe Sanitary Service	330	LF	\$70.00	\$23,100.00	\$16.48	\$24.73	\$13,599.30	\$59.00	\$40.00	\$32,670.00
102	918	8" Pipe Sanitary Service	54	LF	\$80.00	\$4,320.00	\$44.07	\$66.10	\$5,949.18	\$105.00	\$70.00	\$9,450.00
103	1001	Pull Box, 13"x24" (MIS-54)	4	EA	\$600.00	\$2,400.00	\$378.20	\$567.30	\$3,782.00	\$945.00	\$630.00	\$6,300.00
104	1001	Ground Rod (MIS-55)	5	EA	\$220.00	\$1,100.00	\$30.80	\$46.20	\$385.00	\$420.00	\$280.00	\$3,500.00
105	1001	Street Light Foundation, 6" (MIS- 201)	5	EA	\$1,500.00	\$7,500.00	\$424.88	\$637.32	\$5,311.00	\$42.00	\$28.00	\$350.00
106	1001	Pole, As Per Plan Underground Circuit, 3-Wire (MIS- 404)	5	EA	\$7,000.00	\$35,000.00	\$430.32	\$645.48	\$5,379.00	\$576.00	\$384.00	\$4,800.00
107	1001	Pole to be Wired, 3-Wire (MIS-501)	362	CKT FT	\$7.00	\$2,534.00	\$0.72	\$1.07	\$647.98	\$8.00	\$5.00	\$4,706.00
108	1001	2" Conduit, Concrete Encased (Site Lighting)	5	EA	\$600.00	\$3,000.00	\$125.12	\$187.68	\$1,564.00	\$72.00	\$48.00	\$600.00
109	1001	Luminaire, As Per Plan	159	FT	\$10.00	\$1,590.00	\$12.70	\$19.05	\$5,048.25	\$6.00	\$4.00	\$1,590.00
110	1001	Manhole Type C (AA-S102)	5	EA	\$2,500.00	\$12,500.00	\$468.40	\$702.60	\$5,855.00	\$625.00	\$420.00	\$5,225.00
111	Spec.	(Sanitary) w/ H-H Trap, Modified	1	EA	\$3,500.00	\$3,500.00	\$1,209.60	\$1,814.40	\$3,024.00	\$1,600.00	\$1,067.00	\$2,667.00
112	Spec.	12" Drain Basin	5	EA	\$800.00	\$4,000.00	\$808.32	\$1,212.48	\$10,104.00	\$1,069.00	\$713.00	\$8,910.00
113	Spec.	Bollard, As Per Plan	28	EA	\$1,000.00	\$28,000.00	\$294.76	\$442.14	\$20,633.20	\$150.00	\$100.00	\$7,000.00
114	Spec.	Pump Station, Complete, As Per Plan Oil/Water Separator, Complete, As Per Plan	1	EA	\$60,000.00	\$60,000.00	\$73,874.40	\$110,811.60	\$184,686.00	\$166,800.00	\$111,200.00	\$278,000.00
115	Spec.	Filter Vault, Complete, As Per Plan	1	EA	\$22,600.00	\$22,600.00	\$14,057.60	\$21,086.40	\$35,144.00	\$33,450.00	\$22,300.00	\$55,750.00
116	Spec.	Parking Blocks	42	EA	\$250.00	\$10,500.00	\$49.89	\$74.83	\$5,238.24	\$67.00	\$45.00	\$4,704.00
117	Spec.	Fence Slide Gate Power Operator and Access Control System, Complete, As Per Plan	1	EA	\$20,000.00	\$20,000.00	\$3,854.40	\$5,781.60	\$9,636.00	\$6,300.00	\$4,200.00	\$10,500.00
118	Spec.	Skimmer, 2"	2	EA	\$500.00	\$1,000.00	\$883.40	\$1,325.10	\$4,417.00	\$1,560.00	\$1,040.00	\$5,200.00
119	Spec.	Extended Dry Detention Basin	1	LS	\$10,000.00	\$10,000.00	\$11,194.00	\$16,791.00	\$27,985.00	\$15,660.00	\$10,440.00	\$26,100.00

Ref. #	Item #	Description	Qty.	Units	Engineer's Estimate		2K General Co.			Dunlop & Johnston, Inc.		
					Unit Cost	Extension	Materials	Labor	Extension	Materials	Labor	Extension
121	Spec.	Sediment Monitor Post	1	EA	\$250.00	\$250.00	\$474.00	\$711.00	\$1,185.00	\$90.00	\$60.00	\$150.00
122	Spec.	4" Sanitary Force Main	539	LF	\$40.00	\$21,560.00	\$25.75	\$38.63	\$34,700.82	\$70.00	\$47.00	\$63,063.00
123	Spec.	Monitoring Well Cover, As Per Plan Hot-Box Enclosure, Relocated, Including Electrical Circuit For Enclosure Heater and Backflow	3	EA	\$500.00	\$1,500.00	\$168.93	\$253.40	\$1,266.99	\$600.00	\$400.00	\$3,000.00
124	Spec.	Reverter, Complete Hot-Box Enclosure, Removed, Including Electrical Circuit For Enclosure Heater and Backflow	1	EA	\$5,000.00	\$5,000.00	\$3,557.20	\$5,335.80	\$8,893.00	\$4,706.00	\$3,138.00	\$7,844.00
125	Spec.	Reverter, Complete Complete as Engineered from Building (known as the Washout & Material Storage Building), as defined in the drawings and specs.	1	EA	\$3,000.00	\$3,000.00	\$1,980.80	\$2,971.20	\$4,952.00	\$2,620.00	\$1,747.00	\$4,367.00
	Pay Item 1	Work also includes related Mechanical, Electrical, Plumbing & Security (incl. security duct banks) shown in documents	1	LS	\$2,700,000.00	\$2,700,000.00	\$675,678.00	\$1,013,517.00	\$1,689,195.00	\$1,505,092.00	\$1,003,395.00	\$2,508,487.00
126	Pay Item 2	Complete Demolition and Removal of Existing Building D	1	LS	\$60,000.00	\$60,000.00	\$2,494.20	\$9,976.80	\$12,471.00	\$16,950.00	\$11,300.00	\$28,250.00
127	Pay Item 3	Salt Barn Demolition	1	LS	\$45,000.00	\$45,000.00	\$1,927.20	\$7,708.80	\$9,636.00	\$3,015.00	\$2,010.00	\$5,025.00
	Pay Item	Subtotal:				\$6,299,284.00		\$5,675,084.91			\$6,075,003.90	
129	Pay Item	Contingency (15%)				\$944,892.60		\$851,262.74			\$911,250.59	
		<b>GRAND TOTAL:</b>				<b>\$7,244,176.60</b>		<b>\$6,526,347.65</b>			<b>\$6,986,254.49</b>	
		% DIFFERENCE FROM ENG'S EST.:						-9.91%			-3.56%	
		% DIFFERENCE w/LOWEST BIDDER:						7.25%			14.81%	
		Contract Compliance No.						31-1653018 (7/13/22, MAJ, 5739)				

Corrected Contingency & Grand Total (off by  
\$17,992.66)  
Orig. deemed non-responsive by Bid Express for  
blank lines under B5, but ok.

Corrected Contingency & Grand Total (off by \$0.59)

**ORD #3000-2020, Division of Water**  
**Dana G. "Buck" Rinehart Public Utilities Complex Exterior Site Imp's**  
**690026-100010, C-2083**  
**Bid Tabulation, Opened 12/9/20**

					Engineer's Estimate		Complete General Construction			NON-RESPONSIVE		
										Knoch Corporation		
Ref. #	Item #	Description	Qty.	Units	Unit Cost	Extension	Materials	Labor	Extension	Materials	Labor	Extension
1	201	Clearing and Grubbing	1	LS	\$50,000.00	\$50,000.00	\$12,000.00	\$8,000.00	\$20,000.00		\$11,766.90	\$11,766.90
2	201	Tree Removed, 18"	30	EA	\$500.00	\$15,000.00	\$180.00	\$120.00	\$9,000.00		\$353.10	\$10,593.00
3	201	Tree Removed, 30"	11	EA	\$500.00	\$5,500.00	\$360.00	\$240.00	\$6,600.00		\$706.10	\$7,767.10
4	202	Asphalt Pavement Removed	13,068	SY	\$8.00	\$104,544.00	\$6.00	\$4.00	\$130,680.00		\$6.00	\$78,408.00
5	202	Gravel Pavement Removed	4,532	SY	\$4.00	\$18,128.00	\$6.00	\$4.00	\$45,320.00		\$5.90	\$26,738.80
6	202	Curb Removed	12	LF	\$4.00	\$48.00	\$9.00	\$6.00	\$180.00		\$2.20	\$26.40
7	202	Asphlat Curb Removed	48	LF	\$4.00	\$192.00	\$7.20	\$4.80	\$576.00		\$0.80	\$38.40
8	202	Fence Removed	1,464	LF	\$3.00	\$4,392.00	\$5.40	\$3.60	\$13,176.00		\$2.40	\$3,513.60
9	202	Site Light Pole, Removed	5	EA	\$2,500.00	\$12,500.00	\$900.00	\$600.00	\$7,500.00		\$693.10	\$3,465.50
10	202	Bollard Removed	8	EA	\$250.00	\$2,000.00	\$120.00	\$80.00	\$1,600.00		\$117.70	\$941.60
11	202	Gate Controller Removed	1	EA	\$500.00	\$500.00	\$300.00	\$200.00	\$500.00		\$571.20	\$571.20
12	202	Loop Detector Abandoned	1	LS	\$500.00	\$500.00	\$60.00	\$40.00	\$100.00		\$58.90	\$58.90
13	202	Fence Removed for Re-use	105	LF	\$3.00	\$315.00	\$9.00	\$6.00	\$1,575.00		\$69.60	\$7,308.00
14	202	Concrete Pavement Removed	274	SY	\$8.00	\$2,192.00	\$9.00	\$6.00	\$4,110.00		\$6.00	\$1,644.00
15	202	Parking Block Removed, Stored, and Reused	15	EA	\$10.00	\$150.00	\$51.00	\$34.00	\$1,275.00		\$88.30	\$1,324.50
16	202	Concrete Pavement Removed (Fuel Pump Island)	255	SY	\$8.00	\$2,040.00	\$9.00	\$6.00	\$3,825.00		\$6.00	\$1,530.00
17	202	Monitoring Well, Adjusted to Grade	3	EA	\$8,000.00	\$24,000.00	\$620.99	\$413.99	\$3,104.94		\$909.00	\$2,727.00
18	203	Excavation	750	CY	\$40.00	\$30,000.00	\$15.00	\$10.00	\$18,750.00		\$6.90	\$5,175.00
19	203	Embankment	2,250	CY	\$40.00	\$90,000.00	\$9.00	\$6.00	\$33,750.00		\$9.60	\$21,600.00
20	204	Subgrade Compaction	18,316	SY	\$3.00	\$54,948.00	\$1.20	\$0.80	\$36,632.00		\$0.40	\$7,326.40
21	206	Subgrade Stabilization	1	LS	\$100,000.00	\$100,000.00	\$57,000.00	\$38,000.00	\$95,000.00	\$30,000.00	\$81,785.00	\$111,785.00
22	207	Perimeter Filter Fabric Fence	500	LF	\$2.00	\$1,000.00	\$1.80	\$1.20	\$1,500.00	\$1.00	\$1.30	\$1,150.00
23	207	Concrete Washout Area	1	EA	\$1,000.00	\$1,000.00	\$1,200.00	\$800.00	\$2,000.00	\$505.50	\$500.00	\$1,005.50
24	207	Standard Construction Entrance	1	EA	\$2,500.00	\$2,500.00	\$6,000.00	\$4,000.00	\$10,000.00	\$1,164.40	\$3,000.00	\$4,164.40
25	207	Inlet Protection	11	EA	\$250.00	\$2,750.00	\$90.00	\$60.00	\$1,650.00	\$101.10	\$100.00	\$2,212.10
26	254	Pavement Planing, Concrete	1,048	SY	\$9.00	\$9,432.00	\$7.68	\$5.12	\$13,414.40	\$7.00	\$8.10	\$15,824.80
27	254	Pavement Planing, Asphalt	2,328	SY	\$6.00	\$13,968.00	\$3.27	\$2.18	\$12,687.60	\$3.00	\$3.50	\$15,132.00
28	259	Permanent Pavement, Type I, Without Heat Weld	195	CY	\$400.00	\$78,000.00	\$375.06	\$250.04	\$121,894.50	\$288.40	\$300.00	\$114,738.00
29	259	Permanent Pavement, Type V	17	CY	\$150.00	\$2,550.00	\$227.47	\$151.64	\$6,444.87	\$246.10	\$200.00	\$7,583.70
30	304	Aggregate Base	3,488	CY	\$45.00	\$156,960.00	\$30.00	\$20.00	\$174,400.00	\$24.70	\$30.00	\$190,793.60
31	407	Tack Coat	349	GAL	\$4.00	\$1,396.00	\$2.55	\$1.70	\$1,483.25	\$1.10	\$4.00	\$1,779.90
32	441	Asphalt Concrete Surface Course, 1.5", Type I, (448), PG64-22	340	CY	\$265.00	\$90,100.00	\$127.15	\$84.77	\$72,052.80	\$129.40	\$120.00	\$84,796.00
33	441	Asphalt Concrete Intermediate Course, 1.5", Type 2, (448), PG64-22	200	CY	\$205.00	\$41,000.00	\$118.75	\$79.17	\$39,584.00	\$129.40	\$103.50	\$46,580.00
34	451	Reinforced Concrete Pavement, Class COC1 - 8"	16	SY	\$100.00	\$1,600.00	\$135.00	\$90.00	\$3,600.00		\$88.30	\$1,412.80
35	451	Reinforced Concrete Pavement, Class COC1 - 10"	54	SY	\$120.00	\$6,480.00	\$93.00	\$62.00	\$8,370.00		\$108.30	\$5,848.20
36	451	Reinforced Concrete Pavement, Class COC1 - 12"	4,063	SY	\$165.00	\$670,395.00	\$48.00	\$32.00	\$325,040.00		\$129.50	\$526,158.50
37	452	Non-Reinf. Concrete Pavement - 8"	8,568	SY	\$70.00	\$599,760.00	\$42.00	\$28.00	\$599,760.00		\$96.20	\$824,241.60

Ref. #	Item #	Description	Qty.	Units	Engineer's Estimate		Complete General Construction			Knoch Corporation		
					Unit Cost	Extension	Materials	Labor	Extension	Materials	Labor	Extension
38	452	Non-Reinforced Concrete Pavement - 10" (Fuel Pump Island)	255	SY	\$85.00	\$21,675.00	\$54.00	\$36.00	\$22,950.00		\$117.70	\$30,013.50
39	452	Non-Reinforced Concrete Pavement - 8" (Embank. Area)	1,533	SY	\$70.00	\$107,310.00	\$45.00	\$30.00	\$114,975.00		\$96.20	\$147,474.60
40	452	Non-Reinforced Concrete Pavement - 6" (Hot-Box Pad)	60	SF	\$7.00	\$420.00	\$47.96	\$31.97	\$4,795.80		\$14.20	\$852.00
41	509	Epoxy Coated reinforcing Steel Class QC1 Concrete, Retaining Wall	31,680	LB	\$1.25	\$39,600.00	\$0.80	\$0.54	\$42,451.20		\$0.70	\$22,176.00
42	511	Including Footing	203	CY	\$900.00	\$182,700.00	\$720.00	\$480.00	\$243,600.00		\$768.00	\$155,904.00
43	511	Class QC2 Concrete, Parapet Sealing of Concrete Surfaces (Non-	35	CY	\$1,250.00	\$43,750.00	\$660.00	\$440.00	\$38,500.00		\$1,294.40	\$45,304.00
44	512	Epoxy) Porous Backfill with Geotextile	171	SY	\$20.00	\$3,420.00	\$9.00	\$6.00	\$2,565.00		\$17.70	\$3,026.70
45	518	Fabric	244	CY	\$100.00	\$24,400.00	\$45.60	\$30.40	\$18,544.00		\$89.50	\$21,838.00
46	518	6" Perforated Corrugated Plastic Pipe 6" Non-Perforated Corrugated	258	FT	\$10.00	\$2,580.00	\$3.00	\$2.00	\$1,290.00		\$5.90	\$1,522.20
47	518	Plastic Pipe, Including Specials Rock Channel Protection, Type B,	45	FT	\$15.00	\$675.00	\$13.80	\$9.20	\$1,035.00		\$27.10	\$1,219.50
48	601	Without Filter Rock Channel Protection, Type C,	75	CY	\$100.00	\$7,500.00	\$78.00	\$52.00	\$9,750.00		\$88.30	\$6,622.50
49	601	With Filter	21	CY	\$120.00	\$2,520.00	\$66.00	\$44.00	\$2,310.00		\$139.00	\$2,919.00
50	604	Standard Catch Basin (AA-S133A)	6	EA	\$2,000.00	\$12,000.00	\$1,800.00	\$1,200.00	\$18,000.00		\$2,184.80	\$13,108.80
51	604	Manhole Type C (AA-S102) (Storm) Manhole Type C (AA-S102)	4	EA	\$2,500.00	\$10,000.00	\$2,160.00	\$1,440.00	\$14,400.00		\$2,903.90	\$11,615.60
52	604	(Storm), w/ Weir Manhole Type C, (AA-S102)	1	EA	\$3,000.00	\$3,000.00	\$3,000.00	\$2,000.00	\$5,000.00		\$3,018.70	\$3,018.70
53	604	(Sanitary) Manhole Type C, (AA-S102) As Per	1	EA	\$2,500.00	\$2,500.00	\$2,700.00	\$1,800.00	\$4,500.00		\$3,966.80	\$3,966.80
54	604	Plan (Sanitary) Manhole Type C (AA-S102)	3	EA	\$2,500.00	\$7,500.00	\$3,060.00	\$2,040.00	\$15,300.00		\$3,966.80	\$11,900.40
55	604	(Sanitary) w/ H-H Trap	1	EA	\$3,500.00	\$3,500.00	\$2,760.00	\$1,840.00	\$4,600.00		\$6,142.00	\$6,142.00
56	604	Curb & Gutter Inlet (AA-S125A)	3	EA	\$1,800.00	\$5,400.00	\$2,100.00	\$1,400.00	\$10,500.00		\$6,142.00	\$18,426.00
57	604	Manhole, Adjusted to Grade	2	EA	\$500.00	\$1,000.00	\$660.00	\$440.00	\$2,200.00		\$4,053.20	\$8,106.40
58	604	Inlet, Adjusted to Grade Orifice Plate, 1.2" (AA-S145) w/ Hooded Snout and Screen for Anti-	1	EA	\$500.00	\$500.00	\$450.00	\$300.00	\$750.00		\$673.70	\$673.70
59	604	Clogging	1	EA	\$500.00	\$500.00	\$1,320.00	\$880.00	\$2,200.00		\$673.70	\$673.70
60	604	Endwall (AA-S167) Fence, Type CLT, w/ Barb Wire, 3	5	EA	\$2,500.00	\$12,500.00	\$780.00	\$520.00	\$6,500.00		\$2,390.40	\$11,952.00
61	607	Strands	932	LF	\$65.00	\$60,580.00	\$33.27	\$22.18	\$51,679.40		\$48.80	\$45,481.60
62	607	Gate, Type CLT	2	EA	\$3,000.00	\$6,000.00	\$6,177.00	\$4,118.00	\$20,590.00		\$7,830.90	\$15,661.80
63	608	Concrete Walk, 4"	332	SF	\$6.00	\$1,992.00	\$4.80	\$3.20	\$2,656.00		\$9.50	\$3,154.00
64	608	Concrete Pad, 4"	135	SF	\$6.00	\$810.00	\$6.00	\$4.00	\$1,350.00		\$11.80	\$1,593.00
65	608	Concrete Median	113	SY	\$75.00	\$8,475.00	\$67.80	\$45.20	\$12,769.00		\$133.00	\$15,029.00
66	609	Curb, Straight 18"	1,199	LF	\$20.00	\$23,980.00	\$15.00	\$10.00	\$29,975.00		\$29.50	\$35,370.50
67	615	Temporary Pavement	678	SY	\$100.00	\$67,800.00	\$19.80	\$13.20	\$22,374.00		\$38.90	\$26,374.20
68	616	Water	2	MGAL	\$100.00	\$200.00	\$1,080.00	\$720.00	\$3,600.00		\$2,118.70	\$4,237.40
69	616	Calcium Chloride	2	TON	\$500.00	\$1,000.00	\$300.00	\$200.00	\$1,000.00		\$588.40	\$1,176.80
70	623	Construction Layout Stakes	1	LS	\$10,000.00	\$10,000.00	\$18,000.00	\$12,000.00	\$30,000.00		\$4,118.40	\$4,118.40
71	624	Mobilization Ground Mounted Support, No. 2	1	LS	\$10,000.00	\$10,000.00	\$60,000.00	\$40,000.00	\$100,000.00		\$5,883.50	\$5,883.50
72	630	Post	5	EA	\$225.00	\$1,125.00	\$216.00	\$144.00	\$1,800.00		\$423.70	\$2,118.50
73	630	Sign, Flat Sheet	32	SF	\$75.00	\$2,400.00	\$20.40	\$13.60	\$1,088.00		\$40.00	\$1,280.00
74	642	Edge Line, 5", Type 1	0	MI	\$5,000.00	\$1,300.00	\$3,108.00	\$2,072.00	\$1,346.80		\$1,614.50	\$419.77

Ref. #	Item #	Description	Qty.	Units	Engineer's Estimate		Complete General Construction			Knoch Corporation		
					Unit Cost	Extension	Materials	Labor	Extension	Materials	Labor	Extension
75	642	Parking Lot Stall Marking, Type I	4,140	FT	\$2.00	\$8,280.00	\$0.54	\$0.36	\$3,726.00		\$1.20	\$4,968.00
76	644	Stop Line	60	FT	\$10.00	\$600.00	\$3.30	\$2.20	\$330.00		\$1.20	\$72.00
77	644	Crosswalk Line	142	FT	\$8.00	\$1,136.00	\$3.30	\$2.20	\$781.00		\$1.20	\$170.40
78	644	Transverse/Diagonal Line	4,320	FT	\$8.00	\$34,560.00	\$2.79	\$1.86	\$20,088.00		\$1.20	\$5,184.00
79	644	Dotted Line	120	FT	\$8.00	\$960.00	\$0.78	\$0.52	\$156.00		\$1.20	\$144.00
80	644	Channelizing Line	56	FT	\$8.00	\$448.00	\$0.87	\$0.58	\$81.20		\$1.20	\$67.20
81	659	Seeding and Mulching	4,012	SY	\$2.00	\$8,024.00	\$0.90	\$0.60	\$6,018.00		\$1.20	\$4,814.40
82	801	6" Ductile Iron Pipe and Fittings	450	LF	\$120.00	\$54,000.00	\$72.00	\$48.00	\$54,000.00		\$90.70	\$40,815.00
83	802	6" Valve and Appurtenances	2	EA	\$1,300.00	\$2,600.00	\$210.00	\$140.00	\$700.00		\$1,115.00	\$2,230.00
84	805	2" Water Service Tap, Complete	1	EA	\$2,500.00	\$2,500.00	\$2,460.00	\$1,640.00	\$4,100.00		\$1,952.20	\$1,952.20
85	809	Private Fire Hydrant, Type A	1	EA	\$2,800.00	\$2,800.00	\$2,340.00	\$1,560.00	\$3,900.00		\$3,451.70	\$3,451.70
86	809	Priavte Fire Hydrant, Relocated	1	EA	\$500.00	\$500.00	\$1,200.00	\$800.00	\$2,000.00		\$3,451.70	\$3,451.70
87	809	Private Fire Hydrant, Removed	1	EA	\$500.00	\$500.00	\$450.00	\$300.00	\$750.00		\$1,660.80	\$1,660.80
88	901	4" Pipe Underdrain (Subgrade Drain)	280	LF	\$20.00	\$5,600.00	\$11.40	\$7.60	\$5,320.00		\$22.10	\$6,188.00
89	901	6" Pipe Underdrain	75	LF	\$20.00	\$1,500.00	\$15.00	\$10.00	\$1,875.00		\$22.10	\$1,657.50
90	901	8" Pipe, Roof Drains	346	LF	\$40.00	\$13,840.00	\$39.60	\$26.40	\$22,836.00		\$23.60	\$8,165.60
91	901	12" Storm Pipe, w/Item 912 Backfill	735	LF	\$90.00	\$66,150.00	\$45.00	\$30.00	\$55,125.00		\$56.30	\$41,380.50
92	901	15" Storm Pipe, w/Item 912 Backfill	363	LF	\$100.00	\$36,300.00	\$54.00	\$36.00	\$32,670.00		\$49.90	\$18,113.70
93	901	18" Storm Pipe, w/Item 912 Backfill	125	LF	\$140.00	\$17,500.00	\$58.80	\$39.20	\$12,250.00		\$57.40	\$7,175.00
94	901	24" Storm Pipe, /Item 912 Backfill	23	LF	\$160.00	\$3,680.00	\$102.00	\$68.00	\$3,910.00		\$70.00	\$1,610.00
95	901	8" Sanitary Pipe	174	LF	\$100.00	\$17,400.00	\$51.00	\$34.00	\$14,790.00		\$63.60	\$11,066.40
96	912	Compacted Granular Material	40	CY	\$50.00	\$2,000.00	\$45.00	\$30.00	\$3,000.00		\$55.10	\$2,204.00
97	915	6"x6" Wye Fittings	1	EA	\$600.00	\$600.00	\$60.00	\$40.00	\$100.00		\$88.30	\$88.30
98	915	8"x6" Wye Fittings	2	EA	\$700.00	\$1,400.00	\$150.00	\$100.00	\$500.00		\$103.40	\$206.80
99	915	Cleanout	7	EA	\$500.00	\$3,500.00	\$540.00	\$360.00	\$6,300.00		\$326.70	\$2,286.90
100	915	Cleanout, w/ Casting (For Downspouts)	5	EA	\$500.00	\$2,500.00	\$540.00	\$360.00	\$4,500.00		\$198.90	\$994.50
101	918	6" Pipe Sanitary Service	330	LF	\$70.00	\$23,100.00	\$66.00	\$44.00	\$36,300.00		\$312.10	\$102,993.00
102	918	8" Pipe Sanitary Service	54	LF	\$80.00	\$4,320.00	\$84.00	\$56.00	\$7,560.00		\$42.80	\$2,311.20
103	1001	Pull Box, 13"x24" (MIS-54)	4	EA	\$600.00	\$2,400.00	\$540.00	\$360.00	\$3,600.00		\$114.40	\$457.60
104	1001	Ground Rod (MIS-55)	5	EA	\$220.00	\$1,100.00	\$60.00	\$40.00	\$500.00		\$981.40	\$4,907.00
105	1001	Street Light Foundation, 6" (MIS- 201)	5	EA	\$1,500.00	\$7,500.00	\$1,050.00	\$700.00	\$8,750.00		\$80.10	\$400.50
106	1001	Pole, As Per Plan Underground Circuit, 3-Wire (MIS- 404)	5	EA	\$7,000.00	\$35,000.00	\$2,100.00	\$1,400.00	\$17,500.00		\$1,102.60	\$5,513.00
107	1001	Pole to be Wired, 3-Wire (MIS-501)	362	CKT FT	\$7.00	\$2,534.00	\$3.90	\$2.60	\$2,353.00		\$1.90	\$687.80
108	1001	2" Conduit, Concrete Encased (Site Lighting)	5	EA	\$600.00	\$3,000.00	\$300.00	\$200.00	\$2,500.00		\$324.80	\$1,624.00
109	1001	Luminaire, As Per Plan	159	FT	\$10.00	\$1,590.00	\$15.00	\$10.00	\$3,975.00		\$324.80	\$51,643.20
110	1001	Manhole Type C (AA-S102)	5	EA	\$2,500.00	\$12,500.00	\$1,500.00	\$1,000.00	\$12,500.00		\$1,215.00	\$6,075.00
111	Spec.	(Sanitary) w/ H-H Trap, Modified	1	EA	\$3,500.00	\$3,500.00	\$2,760.00	\$1,840.00	\$4,600.00		\$1,215.60	\$1,215.60
112	Spec.	12" Drain Basin	5	EA	\$800.00	\$4,000.00	\$900.00	\$600.00	\$7,500.00		\$2,097.40	\$10,487.00
113	Spec.	Bollard, As Per Plan	28	EA	\$1,000.00	\$28,000.00	\$750.00	\$500.00	\$35,000.00		\$1,470.90	\$41,185.20
114	Spec.	Pump Station, Complete, As Per Plan	1	EA	\$60,000.00	\$60,000.00	\$120,000.00	\$80,000.00	\$200,000.00		\$191,690.40	\$191,690.40
115	Spec.	Oil/Water Separator, Complete, As Per Plan	1	EA	\$22,600.00	\$22,600.00	\$24,000.00	\$16,000.00	\$40,000.00		\$47,067.40	\$47,067.40
116	Spec.	Filter Vault, Complete, As Per Plan	1	EA	\$35,000.00	\$35,000.00	\$33,600.00	\$22,400.00	\$56,000.00		\$26,602.00	\$26,602.00
117	Spec.	Parking Blocks	42	EA	\$250.00	\$10,500.00	\$120.00	\$80.00	\$8,400.00		\$129.50	\$5,439.00
118	Spec.	Fence Slide Gate Power Operator and Access Control System, Complete, As Per Plan	1	EA	\$20,000.00	\$20,000.00	\$39,000.00	\$26,000.00	\$65,000.00		\$13,370.10	\$13,370.10
119	Spec.	Skimmer, 2"	2	EA	\$500.00	\$1,000.00	\$1,080.00	\$720.00	\$3,600.00		\$2,292.30	\$4,584.60
120	Spec.	Extended Dry Detention Basin	1	LS	\$10,000.00	\$10,000.00	\$33,000.00	\$22,000.00	\$55,000.00		\$29,046.00	\$29,046.00

Ref. #	Item #	Description	Qty.	Units	Engineer's Estimate		Complete General Construction		
					Unit Cost	Extension	Materials	Labor	Extension
121	Spec.	Sediment Monitor Post	1	EA	\$250.00	\$250.00	\$600.00	\$400.00	\$1,000.00
122	Spec.	4" Sanitary Force Main	539	LF	\$40.00	\$21,560.00	\$74.40	\$49.60	\$66,836.00
123	Spec.	Monitoring Well Cover, As Per Plan Hot-Box Enclosure, Relocated, Including Electrical Circuit For Enclosure Heater and Backflow	3	EA	\$500.00	\$1,500.00	\$300.00	\$200.00	\$1,500.00
124	Spec.	Reverter, Complete Hot-Box Enclosure, Removed, Including Electrical Circuit For Enclosure Heater and Backflow	1	EA	\$5,000.00	\$5,000.00	\$13,800.00	\$9,200.00	\$23,000.00
125	Spec.	Reverter, Complete	1	EA	\$3,000.00	\$3,000.00	\$3,120.00	\$2,080.00	\$5,200.00
	Pay Item 1	Complete as Engineered from Building (known as the Washout & Material Storage Building), as defined in the drawings and specs. Work also includes related Mechanical, Electrical, Plumbing & Security (incl. security duct banks) shown in documents	1	LS	\$2,700,000.00	\$2,700,000.00	\$1,581,570.00	\$1,054,380.00	\$2,635,950.00
126	Pay Item 2	Complete Demolition and Removal of Existing Building D	1	LS	\$60,000.00	\$60,000.00	\$9,600.00	\$6,400.00	\$16,000.00
127	Pay Item 3	Salt Barn Demolition	1	LS	\$45,000.00	\$45,000.00	\$8,100.00	\$5,400.00	\$13,500.00
	Pay Item	Subtotal:				\$6,299,284.00			\$6,287,509.76
129	Pay Item	Contingency (15%)				\$944,892.60			\$943,126.46
		<b>GRAND TOTAL:</b>				<b>\$7,244,176.60</b>			<b>\$7,230,636.22</b>
		% DIFFERENCE FROM ENG'S EST.:							-0.19%
		% DIFFERENCE w/LOWEST BIDDER:							18.83%
		Contract Compliance No.							

Knoch Corporation		
Materials	Labor	Extension
	\$1,229.70	\$1,229.70
	\$66.90	\$36,059.10
	\$438.40	\$1,315.20
	\$10,373.00	\$10,373.00
	\$5,693.20	\$5,693.20
	\$1,831,904.30	\$1,831,904.30
	\$15,602.10	\$15,602.10
	\$11,331.10	\$11,331.10
		\$5,469,010.87
		\$820,351.63
		<b>\$6,289,362.50</b>
		-13.18%
		3.36%

Corrected Contingency & Grand Total (off by \$144,029.37)  
Non-responsive - not prequalified